

What is claimed is:

1. A gas-liquid separator for mounting in a tank assembly; the separator comprising:
 - (a) a mounting plate assembly including a flange portion and an inverted trough portion;
 - (i) the flange portion and inverted trough portion being separated from one another, in the mounting plate, by turns in the mounting plate;
 - (ii) the flange portion being positioned non-coplanar with the inverted trough portion;
 - (b) an upstream coalescing stage having a funnel shape with:
 - (i) a wide end secured to the inverted trough portion of the mounting plate; and,
 - (ii) a narrow end remote from the wide end; and,
 - (c) a downstream drain stage surrounded by the coalescing stage layer and secured to the inverted trough portion of the mounting plate.
2. A gas-liquid separator according to claim 1 wherein:
 - (a) the coalescing stage is selected from fiberglass, polyester and polypropylene.
3. A gas-liquid separator according to claim 2 wherein:
 - (a) the drain stage is selected from fiberglass, polyester and polypropylene.
4. A gas-liquid separator according to claim 3 wherein:
 - (a) the drain stage has a funnel shape with:
 - (i) a wide end secured to the mounting plate; and,
 - (ii) a narrow end remote from the mounting plate.
5. A gas-liquid separator according to claim 4 wherein:
 - (a) each one of the coalescing stage and drain stage is frusto-conical.

6. A gas-liquid separator according to claim 1 including:
 - (a) an interior support member surrounded by the drain stage layer.
7. A gas-liquid separator according to claim 3 wherein:
 - (a) the coalescing stage layer is molded or formed media.
8. A gas-liquid separator according to claim 7 wherein:
 - (a) the mounting plate assembly comprises metal.
9. A method of mounting a gas-liquid separator in a tank assembly; the method comprising steps of:
 - (a) mounting a drain stage element over an air outlet in a tank assembly;
 - (i) the drain stage element having a wide end secured to an open end cap and a narrow end remote from the wide end;
 - (ii) the drain stage element being mounted with the wide end over the air outlet; and,
 - (b) after the step of mounting a drain stage element, separately mounting a coalescing stage element over and adjacent the drain stage element;
 - (i) the coalescing stage element having a funnel shape with a wide end secured to an open end cap;
 - (ii) the coalescing stage element being mounted with the wide end over and adjacent the air flow outlet.
10. A method according to claim 9 wherein:
 - (a) the step of mounting a drain stage element comprises mounting a drain stage element having a frusto-conical shape.
11. A method according to claim 9 wherein:
 - (a) the step of mounting a coalescing stage element comprises mounting a coalescing stage element having a frusto-conical shape.

12. A method according to claim 9 wherein:
 - (a) the step of mounting a coalescing stage element comprises mounting a coalescing stage element having a coalescing stage selected from fiberglass, polyester and polypropylene.
13. A method according to claim 12 wherein:
 - (a) the step of mounting a drain stage element comprises mounting a drain stage element having a drain stage selected from fiberglass, polyester and polypropylene.
14. A method of servicing a gas-liquid separator mounted in a tank assembly; the method including a step of:
 - (a) dismantling a first coalescing stage element having a wide end and a narrow end, from a position over a drain stage element, without dismantling the drain stage element.